Appl. No.

: 10/785,446

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February 23, 2004

## AMENDMENTS TO THE SPECIFICATION

Please amend Paragraph [0010] of the specification as follows:

[0010] The AA<sub>1</sub>RA used in the pharmaceutical compositions or methods disclosed herein may be a xanthine-derivative compound. The xanthine-derivative compound may be a compound of Formula I or a pharmaceutically acceptable salt thereof,

$$(I) \qquad \xrightarrow[R_1]{X_2} \xrightarrow[R_3]{R_3} \qquad \xrightarrow[R_2]{X_2} \xrightarrow[R_3]{X_2} \xrightarrow[R_3]{X_3} \xrightarrow[R_3]{X_2} \xrightarrow[R_3]{X_3} \xrightarrow[R_3]{X$$

where

each of  $X_1$  and  $X_2$  independently represents oxygen or sulfur;

Q represents:

$$-Y = \begin{pmatrix} (CH_2)_n \\ -Y = \begin{pmatrix} (CH_2)_n \\ R_5 \end{pmatrix}, \text{ or } \begin{pmatrix} (CH_2)_n \\ -Y = (CH_2)_n \\ -Y = \begin{pmatrix} (CH_2)_n \\ -Y$$

where Y represents a single bond or alkylene having 1 to 4 carbon atoms, n represents 0 or 1;

each of  $R_1$  and  $R_2$  independently represents hydrogen, lower alkyl, allyl, propargyl, or hydroxy-substituted, oxo-substituted or unsubstituted lower alkyl, and  $R_3$  represents hydrogen or lower alkyl, or

 $R_4$  and  $R_5$  are the same or different and each represent hydrogen or hydroxy, and when both  $R_4$  and  $R_5$  are hydrogen, at least one of  $R_1$  and  $R_2$  is hydroxy-substituted or oxo-substituted lower alkyl,

provided that when Q is



then R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> are not simultaneously methyl.